

Exhibit IX

Mon Mar 13 17:15:21 2006

SU112672 CUS DEFINITION AF125672 Homo sapiens silencing mediator of retinoic acid and thyroid hormone receptor extended isoform (SMRTIE) mRNA, complete cds. 8686 bp mRNA linear PRI 04-APR-1999

AF125672.1 GI:4553297
 HOMO SAPIENS (HUMAN)
 HOMO SAPIENS
 EUKARYOTA; METAZOA; CHORDATA; CRANIATA; VERTEBRATA; EUTELEOSTOMI;
 MAMMALIA; EUOTHERIA; EUARCHONTOGLIRES; PRIMATES; CATARRHINI;

REFERENCE 1 (bases 1 to 8686)
 AUTHORS Park, E.J., Schroen, D.J., Yang, M., Li, H., Li, L., and Chen, J.D.
 TITLE SmI₂, a silencing mediator for retinoid and thyroid hormone receptors-extended isoform that is more related to the nuclear receptor corepressor
 JOURNAL Proc. Natl. Acad. Sci. U.S.A. 96 (7), 3519-3524 (1999)
 PUBMED 10057068
 FERENCES 2 (bases 1 to 8686)
 AUTHORS Chen, J.D.
 TITLE Direct Submission
 JOURNAL Submitted (03-FEB-1999) Pharmacology and Molecular Toxicology, University of Massachusetts Medical School, 55 Lake Avenue North, Worcester, MA 01655, USA

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157. 7680
/gene="SMRTE"

ORIGIN

Query Match 97.2% Score 83324.6% DB 8% Length 86886;

Best Local Similarity 98.6%; Pre. No. 0;
Matches 8472; Conservative 1; Mismatches 34; Indels 88; Gaps 4;

Qy	1	CATCTGGGCTCCACACAGCTTGTGAGCAAGCAGCTGAGGCGCAGACGTTGGGGCTACCC
Dy	156	CATCTGGGCTCCACACGCTTGTGAGCAAGCAGCTGAGGCGCAGACGTTGGGGCTACCC

Qy	61	GCCCCAAGGCCCTTTCTTACCCCATGTGCGAGATGCGCCGAGCGACAGGGAGCTGGGCTCTCT	120
Dy	216	GCCCCAAGGCCCTTTCTTACCCCATGTGCGAGATGCGCCGAGCGACAGGGAGCTGGGCTCTCT	275

181 GCCCAAGGGGGCTCCCTGCTGAGTTCCAGCCCCGAAATGAAACGGTCCCCA 240
Qy

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Db	336	GCCCAAGGGGGAGGGGGCTCCCTGCTTCAGGGTCCC	395
Qy	241	GGAGCTCCACCTCGGCCAGAGTCCCACTATACCTGCCCAGCTGGAAAGTCAGAGT	300
Db	396	GGAGCTCCACCTCGGCCAGAGTCCCACTATACCTGCCCAGCTGGAAAGTCAGAGT	455
Qy	301	GGAGTTCATTTGAAAGGCGCCCTGCTGCTGAGCTGAGGCTGAGCTGAGCTGAGAT	360
Db	456	GGAGTTCATTTGAAAGGCGCCCTGCTGCTGAGCTGAGGCTGAGCTGAGCTGAGCC	515
Qy	361	GTGACCCCTGCTGCTGCCCAGGGCAAGCTGCTTCAAGAACCTTACCAAGGACCTAG	420
Db	516	GTACCCCTGCTGCCCAGGGCAAGCTGCTTCAAGAACCTTACCAAGGACCTAG	575
Qy	421	CTCTGACGGGCAAGCTGAAACCGTGTCTCCCGAGGCCCGCAACTGACCTGAGCT	480
Db	576	CTCTGACGGGCAAGCTGAAACCGTGTCTCCCGAGGCCCGCAACTGACCTGAGCT	635
Qy	481	GGAGCTGGTGGCCAGGGCTCCAGGGAGAGCTCATCGAGAACATGGACCGTGG	540
Db	636	GGAGCTGGTGGCCAGGGCTCCAGGGAGAGCTCATCGAGAACATGGACCGTGG	695
Qy	541	CGCAGAGATCAACCATGCTGGAGCAGATCTTAAGCTGAGAACAGGCAACAGCT	600
Db	696	CGCAGAGATCAACCATGCTGGAGCAGATCTTAAGCTGAGAACAGGCAACAGCT	755
Qy	601	GGAGGGGGGGTGTCCAGGCCAGCCGGCTGTCACCGAGAAAGAGCAGCAAGTGA	660
Db	756	GGAGGGGGGGTGTCCAGGCCAGCCGGCTGTCACCGAGAAAGAGCAGCAAGTGA	815
Qy	661	CTCGAGAACCCAGCTGGCTCGAGATCATCTAGAGGAAACCCGAGCTGAGC	720
Db	816	CTCGAGAACCCAGCTGGCTCGAGATCATCTAGAGGAAACCCGAGCTGAGC	875
Qy	721	TGCACTATCGGGATTCTCGAGAACCCGAGCTGGCTCTGAGCAACCCGCC	780
Db	876	TGCACTATCGGGATTCTCGAGAACCCGAGCTGGCTCTGAGCAACCCGCC	935
Qy	781	CTCCGAAACCCGGCACTATCTGAGAACATGAGAACGGCAAGAGCT	840
Db	936	CTCCGAAACCCGGCACTATCTGAGAACATGAGAACGGCAAGAGCT	995
Qy	841	ATCTTGTACTTCAGAGGGAAATCGCTGGAAACAAATGGAAAGCAGAGTTCTGCCA	900
Db	996	ATCTTGTACTTCAGAGGGAAATCGCTGGAAACAAATGGAAAGCAGAGTTCTGCCA	1055
Qy	901	GCGGTATGAGCACTCTGGGGCTTGGAAAAGGGTGGAGGCAATGAAAACACC	960
Db	1056	GCGGTATGAGCACTCTGGGGCTTGGAAAAGGGTGGAGGCAATGAAAACACC	1115
Qy	961	GGGGGGGGCAACCCGGCACTGGGGAGGAACTGGGGAGTACTCGAAACAGTCCCTGAGAT	1020
Db	1116	GGGGGGGGCAACCCGGCACTGGGGAGGAACTGGGGAGTACTCGAAACAGTCCCTGAGAT	1175
Qy	1021	CGCAAGGAGCGAGCTCGAGGGGGCATCGAGGGGGCATCGAGGCTGCTCTC	1080
Db	1176	CGCAAGGAGCGAGCTCGAGGGGGCATCGAGGCTGCTCTC	1232
Qy	1081	GCTCTGCACTCGGGGGCCAGGGGGCATCGAGGCTGAGCTCGAGGCTGCTCTC	1140
Db	1233	GCTCTGCACTCGGGGGCCAGGGGGCATCGAGGCTGCTCTC	1292
Qy	1141	AAGGAGGGAGAACCTGGAGAGCAATGAGGCACTGGGGCATCGCTGTA	1200
Db	1293	AAGGAGGGAGAACCTGGAGAGCAATGAGGCACTGGGGCATCGCTGTA	1352
Qy	1201	CGAGCTGACAGCGAGCTCAACTTCAAGTGAACATGAACTGGGGCATGGCTCTC	1260
Db	1353	CGACCTGACAGCGAGCTCAACTTCAAGTGAACATGAACTGGGGCATGGCTCTC	1412
Qy	1261	GAAGGTGACAGAACGGGGCATGAACATGAGGAGGAGGAGACCTT	1320
Db	1413	GAAGGTGACAGAACGGGGCATGAACATGAGGAGGAGGAGACCTT	1472

2401	TGAGCCACCGAACCCCTAACGCCACCCCATGCCCTCTGCACCTCTCC	2460	Db	
2502	TGAGCCACCTTACGCCCTAACGCCACCCATTCCCTCTCC	2561	Qy	
2461	TGCTGTCCCCAAGGAGAAAGGGAGAGCGAGAGCGAGAGGG	2520	Db	
2562	TGCTGTCCCCAAGGAGAAAGGGAGAGCGAGAGCGAGGG	2621	Qy	
2521	GGAGGAAGGAAAGCCCCGGCTGAGAGCTGGACAGGAGGG	2580	Db	
2622	GGAGGAAGGAAAGCCCCGGCTGAGAGCTGGACAGGAGGG	2681	Qy	
2581	GCCCCCTAACAGCCAGTGGCAAGGAGGGAGGGAGGG	2640	Db	
2682	GCCCCCTAACAGGAGTGGCAAGGAGGGAGGGAGGG	2741	Qy	
2641	GGAGGGGCTAGGCAAGGCCAGGGGGGCTCAAGGAGAGAGGGGGAG	2700	Db	
2742	GGGGGGCTAGGCAAGGCCCTAGGAGAGGGAGGGGGAG	2801	Qy	
2701	CGGCAGGCAACACTCCAAAGGCTGGGGCCCTAACGGGACTCTAC	2760	Db	
2802	CGGCAGGCAACACCAACGGGACTCTAACGGGCTCC	2861	Qy	
2761	CTGCAAGTGGAGAGGAGGCTGGATGGCTGGAGGGCTGTCCCC	2820	Db	
2862	CTGCAAGTGGAGAGGAGGCTGGATGGCTGGAGGGCTGTCCCC	2921	Qy	
2881	ACTGGACCTGAAAGCACTCCATGCCCTAACCCAGAGGCC	2880	Db	
2982	ACTGGACCTGAAAGCACTCCATGCCCTAACCCAGAA	3041	Qy	
2941	AGTCATAGGCCCTCCAGGAGGAGGAGCTCCACCAAGGAGG	3000	Db	
3042	AGTCATAGGCCCTCCAGGAGGAGGAGCTCCACCAAGGAGG	3101	Qy	
3001	GCCAGCGAAAACCTGCAAGCGAGGAGGAGGAGGAGGAGGAGG	3060	Db	
3102	GCCAGCGAAAACCTGCAAGCGAGGAGGAGGAGGAGGAGGAGG	3161	Qy	
3061	GGCGAGAGGAGGAGCCGECACCCCGCGAGAGGGAGGAGGAGG	3100	Db	
3162	GGCGAGAGGAGGAGCCGECACCCCGCGAGAGGGAGGAGGAGG	3221	Qy	
3101	---CCCTTGCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	3156	Db	
3222	CCCACTTCCCAAGGGAGGAGGAGGAGGAGGAGGAGGAGG	3281	Qy	
3157	CCTGGCCCTTCCGAGGAGGAGGAGGAGGAGGAGGAGGAGG	3216	Db	
3282	CCTGGCCCTTCCGAGGAGGAGGAGGAGGAGGAGGAGGAGG	3341	Qy	
3217	CTCAAGCTTCTAACCTGACCGCTGAGGCTCATGAGACTG	3276	Db	
3342	CTCAAGCTTCTAACCTGACCGCTGAGGCTCATGAGACTG	3401	Qy	
3277	CGGGCCCTGCTCGCGGCCAACCCACCATCTCCCTCATCTCTGC	3336	Db	
3402	CGGGCCCTGCTCGCGGCCAACCCACCATCTCCCTCATCTCTGC	3461	Qy	
3337	CAAGCACCCAAGGCTCTCGAGGAGAAATGGGCAATCTCC	3396	Db	
3462	CAAGCACCCAAGGCTCTCGAGGAGAAATGGGCAATCTCC	3521	Qy	
3397	GCTCACCTCCGTACTCGAGGAGGCTGGCCGGCTGCTGACCA	3456	Db	
3522	GCTCACCTCCGTACTCGAGGAGGCTGGCCGGCTGCTGACCA	3516	Qy	

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ORIGIN

TCACCCAGCCCTTCCTGACACAGCCACAGGGCCAGGGACCCAAAGCAG 7896